

**IMMUNOSTIMULANT COMPOSITIONS COMPRISING
AMINOALKYL GLUCOSAMINIDE PHOSPHATES AND SAPONINS**

ABSTRACT OF THE DISCLOSURE

The invention provides pharmaceutical compositions, particularly vaccine compositions, employing an adjuvant system comprising at least one aminoalkyl glucosaminide phosphate compound and at least one saponin compound. Such compositions synergistically enhance the immune response in a mammal to a co-administered antigen. Also provided are methods of using the compositions in the treatment of various human diseases, including cancer, microbial infections and autoimmune disorders.

SF 1313801 v1